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NEWS 4 Apr 09 ZDB will be removed from STN
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NEWS 7 Apr 22 BIOSIS Gene Names now available in TOXCENTER
NEWS 8 Apr 22 Federal Research in Progress (FEDRIP) now available
NEWS 9 Jun 03 New e-mail delivery for search results now available
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NEWS 11 Jun 10 PCTFULL has been reloaded
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NEWS 13 Jul 22 USAN to be reloaded July 28, 2002; saved answer sets no longer valid
NEWS 14 Jul 29 Enhanced polymer searching in REGISTRY
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NEWS 17 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 18 Aug 08 NTIS has been reloaded and enhanced
NEWS 19 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS 20 Aug 19 IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS 21 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 22 Aug 26 Sequence searching in REGISTRY enhanced
NEWS 23 Sep 03 JAPIO has been reloaded and enhanced
NEWS 24 Sep 16 Experimental properties added to the REGISTRY file
NEWS 25 Sep 16 Indexing added to some pre-1967 records in CA/CAPLUS
NEWS 26 Sep 16 CA Section Thesaurus available in CAPLUS and CA
NEWS 27 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985
NEWS 28 Oct 21 EVENTLINE has been reloaded
NEWS 29 Oct 24 BEILSTEIN adds new search fields
NEWS 30 Oct 24 Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 31 Oct 25 MEDLINE SDI run of October 8, 2002
NEWS 32 Nov 18 DKILIT has been renamed APOLLIT
NEWS 33 Nov 25 More calculated properties added to REGISTRY
NEWS 34 Dec 02 TIBKAT will be removed from STN
NEWS 35 Dec 04 CSA files on STN
NEWS 36 Dec 17 PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 37 Dec 17 TOXCENTER enhanced with additional content
NEWS 38 Dec 17 Adis Clinical Trials Insight now available on STN

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AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
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* * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

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FILE LAST UPDATED: 2 Jan 2003 (20030102/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

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E1            1     WO9608483/PN
E2            1     WO9608484/PN
E3            1 --> WO9608485/PN
E4            1     WO9608486/PN
E5            1     WO9608487/PN
E6            1     WO9608488/PN
E7            1     WO9608489/PN
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E9            1     WO9608491/PN
E10           1     WO9608492/PN
E11           1     WO9608493/PN
E12           1     WO9608494/PN

=> s e3
L1            1 WO9608485/PN

=> d l1 all

L1   ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2003 ACS
AN   1996:428452  CAPLUS
DN   125:86683
TI   Preparation of quinoxalinediones as NMDA receptor antagonists
IN   Mowbray, Charles Eric; Stobie, Alan; Bull, David John; Carr, Christopher
     Lee; Fray, Michael Johnathan
PA   Pfizer Limited, UK; Pfizer Research and Development Company, N.V./s.A.;
     Pfizer Inc.
SO   PCT Int. Appl., 54 pp.
     CODEN: PIXXD2
DT   Patent
LA   English
IC   ICM  C07D403-06
     ICS  A61K031-495
CC   28-17 (Heterocyclic Compounds (More Than One Hetero Atom))
     Section cross-reference(s): 1
FAN.CNT 1
     PATENT NO.        KIND  DATE           APPLICATION NO.  DATE
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PI   WO 9608485        A1    19960321       WO 1995-EP3483   19950901 <--
         W:  CA, FI, JP, MX, US
         RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE
     CA 2199845        AA    19960321       CA 1995-2199845  19950901
     EP 781279         A1    19970702       EP 1995-931989   19950901
     EP 781279         B1    20010613
         R:  AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE
     JP 09511523       T2    19971118       JP 1995-509872   19950901
     JP 2898097        B2    19990531
     ES 2158126        T3    20010901       ES 1995-931989   19950901
     FI 9701026        A     19970312       FI 1997-1026     19970312
     US 5783572        A     19980721       US 1997-793896   19970312
PRAI GB 1994-18443     A     19940913
     WO 1995-EP3483    W     19950901
OS   CASREACT 125:86683; MARPAT 125:86683
GI
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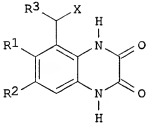
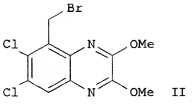


I



II

AB The title compds. [I; R1, R2 = F, Cl, Br, Me, Et, CF3; R3 = H, Me, Et; X = (substituted) 1,2,4-triazol-1-yl, imidazol-1-yl, pyrazol-1-yl, etc.], useful in the treatment of acute neurodegenerative and chronic neurol. disorders, were prepd. Thus, reaction of quinoxaline II with 1,2,4-triazole in the presence of K2CO3 in AcNMe2 followed by hydrolysis of the intermediate with 2M HCl in dioxane afforded I [R1 = R2 = Cl; R3 = H; X = 1,2,4-triazol-1-yl]. Compds. I are effective at 0.01-1 mg/kg (i.v.).

ST quinoxalinedione NMDA receptor antagonist prepn; nervous system disease degeneration quinoxalinedione prepn; neurotransmitter antagonist quinoxalinedione prepn

IT Neurotransmitter antagonists
(prepn. of quinoxalinediones as NMDA receptor antagonists)

IT Nervous system
(disease, degeneration, treatment; prepn. of quinoxalinediones as NMDA receptor antagonists)

IT 178619-22-2P 178619-23-3P 178619-24-4P 178619-25-5P 178619-26-6P
178619-27-7P 178619-28-8P 178619-29-9P 178619-30-2P 178619-31-3P
178619-32-4P 178619-33-5P 178619-34-6P 178619-35-7P 178619-36-8P
178619-37-9P 178619-38-0P 178619-39-1P 178619-40-4P 178619-41-5P
178619-42-6P 178619-43-7P 178619-44-8P 178619-45-9P 178619-46-0P
178619-47-1P 178619-48-2P 178619-49-3P 178619-50-6P 178619-51-7P
178619-52-8P 178619-53-9P 178619-54-0P 178619-55-1P 178619-56-2P
178619-57-3P 178619-58-4P 178619-59-5P 178619-60-8P 178619-61-9P
178619-62-0P 178619-63-1P 178619-64-2P 178619-65-3P 178619-66-4P
178619-67-5P 178619-68-6P 178619-69-7P 178619-70-0P 178619-71-1P
178619-72-2P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of quinoxalinediones as NMDA receptor antagonists)

IT 6384-92-5, NMDA
RL: BPR (Biological process); BSU (Biological study, unclassified); MSC (Miscellaneous); BIOL (Biological study); PROC (Process)
(prepn. of quinoxalinediones as NMDA receptor antagonists)

IT 178620-31-0P
RL: BYP (Byproduct); PREP (Preparation)
(prepn. of quinoxalinediones as NMDA receptor antagonists)

IT 75-64-9, reactions 89-69-0, 2,4,5-Trichloronitrobenzene 107-59-5, tert-Butyl chloroacetate 109-73-9, n-Butylamine, reactions 110-89-4, Piperidine, reactions 110-91-8, Morpholine, reactions 288-32-4, Imidazole, reactions 288-88-0, 1H-1,2,4-Triazole 594-39-8 4967-77-5,

Methyl 1,2,3-triazole-4-carboxylate 6972-71-0, 4,5-Dimethyl-2-nitroaniline 7170-01-6 7411-16-7 103433-17-6 153504-81-5 153915-05-0 178620-30-9
RL: RCT (Reactant); RACT (Reactant or reagent)
(prepn. of quinoxalinediones as NMDA receptor antagonists)

IT 131885-38-6P 156349-12-1P 178619-73-3P 178619-74-4P 178619-75-5P
178619-76-6P 178619-77-7P 178619-78-8P 178619-79-9P 178619-80-2P
178619-81-3P 178619-82-4P 178619-83-5P 178619-84-6P 178619-85-7P
178619-86-8P 178619-87-9P 178619-88-0P 178619-89-1P 178619-90-4P
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178620-21-8P 178620-22-9P 178620-23-0P 178620-24-1P 178620-25-2P
178620-26-3P 178620-27-4P 178620-28-5P 178620-29-6P 178620-32-1P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. of quinoxalinediones as NMDA receptor antagonists)